


भारत का राजपत्र
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नई दिल्ली, शनिवार, अगस्त 27, 1994 (भाद्रपद 5, 1916)

No. 35]

NEW DELHI, SATURDAY, AUGUST 27, 1994 (BHADRA 5, 1916)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित आधिसूचनाएँ और नाटिस .
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PATENTS AND DESIGNS

Calcutta, the 27th August 1994

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Bose Road, Calcutta-700020.

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पेटेंट कार्यालय

एकस्य तथा अभिकृत्य

कलकत्ता, दिनांक 27 अगस्त 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोन्डी इस्टेट,
तीसरा तल, लोडर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिदिव द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अप-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शब्द :—शब्दों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय से नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा चेक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated the 26th
February, 1994 Page 225, Col. 2 for application for Patent
No. 330/Bom/91 filed on 31st October, 1991 read the 2nd
Inventor as ALURU SUDHARASANA SARMA instead of
ALURU SUDAR SANA SARMA.

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61,
WALLAJAH ROAD, MADRAS-600 002

30th May, 1994

448/Mas/94. Errampally Gifty Charles. The gear dynamo
electricity generating using bullocks and like ani-
mals system.

449/Mas/94. V. Balagurusamy, Auto power produce wheel.

450/Mas/94. Esvin Advanced Technologies Limited. A mic-
robal enzyme process for bleaching wood and
bagasse pulps for achieving cost effective elemental
chlorine free bleach sequence and obtaining pulps
of increased brightness and brightness stability.

451/Mas/94. Philip Morris Products Inc., Putrescine N-
methyl-transferase, recombinant DNA molecules
encoding putrescine N-Methyl-transferase, and
transgenic tobacco plants with altered nicotine
content.

452/Mas/94. Compagnie Des Etablissements Michelin-Miche-
lin & CIE. Method for producing a type with
carcass reinforcement formed of at least one ply
of cords or cables.

453/Mas/94. Shell International Research Maatschappij B.V.
Process for the catalytic partial oxidation of
hydrocarbons.

454/Mas/94. Maschinenfabrik Rieter AG. Revolving flat card.

455/Mas/94. Premier Explosives Limited. A process of
manufacturing a non-electric initiation device for
a detonator.

31st May, 1994

456/Mas/94. K. Dakshinamurthy. A very wide range fully
automatic voltage booster for 90 volts ac to 265
volts ac for the whole house in dim supply areas
in sub-urban and village areas. This is radically
different from the semi-automatic boosters for
which I have applied for patents on the dates
17-5-94 & 20-5-94.

457/Mas/94. Qualcomm Incorporated. Monocoherent receiver
employing a dual-maxima metric generation pro-
cess.

458/Mas/94. Qualcomm Incorporated. Temperature-com-
pensated gain-controlled amplifier having a wide
linear dynamic range.

459/Mas/94. A Ahlstrom Corporation. Circulating fluidized
bed reactor and method of treating gas flows in
the circulating fluidized bed reactor.

460/Mas/94. Integrated Network Corporation. Scalable multimedia network.

1st June, 1994

461/Mas/94. Sanoj Rajan "Prasannam". A writing pen producing projected letters.

462/Mas/94. CIBA Geigy AG. Process for moulding plastics. (June 19, 1993; United Kingdom).

463/Mas/94. DSM N. V., Process for the preparation of low molecular weight copolymers of ethylene with at least one other 1-alkene.

464/Mas/94. Roke Manor Research Limited. Apparatus for use in equipment providing a digital radio link between a fixed and a mobile radio unit. (June 2, 1993; United Kingdom).

465/Mas/94. Institut Français Du Pétrole. Paraffin alkylation catalyst.

466/Mas/94. Caterpillar Inc., Axial piston pump with off-center pivot.

467/Mas/94. VEG-Gasinstitut N.V. and Comprimo B.V. A process for the selective oxidation of sulphur-containing compounds. (Divisional to Patent Application No. 574/Mas/90).

468/Mas/94. The Green Cross Corporation. A process for preparing a sheet capable of gradual release of isothiocyanate. (Divisional to Patent Application No. 588/Mas/92.)

2nd June, 1994

469/Mas/94. Fosco International Limited. Lining of molten metal handling vessels. (June 25, 1993; United Kingdom).

470/Mas/94. Michael F. Kramer and Thomas E. Keith. Interactive communications system with date distribution.

471/Mas/94. Hoechst Aktiengesellschaft. Abrasion-resistant fluoropolymer mixtures.

472/Mas/94. Roke Manor Research Limited. Apparatus for use in equipment providing a digital radio link between a fixed and a mobile radio unit. (June 25, 1993; United Kingdom).

473/Mas/94. A.D.C. Rabindra. Water wave current.

3rd June 1994

474/Mas/94. Tube Investments of India Limited. A golf putter.

475/Mas/94. Plasson Maagan Michael Industries Ltd., Water delivery assembly particularly useful for poultry drinkers.

476/Mas/94. Ciba-Geigy AG. Process for the manufacture of substantially hollow-cylindrical castings, and a substantially hollow-cylindrical casting.

477/Mas/94. Rhone-Poulenc Chimie. Asbestos-free cathode element.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the

appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्देश की तिथि से चार (4) महीने या अग्रिम ऐसे अधीन जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, मुद्रस्व को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में तथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश को संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपर्युक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश को सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 32 B [IX(1)]

174001

Int. Cl.⁴ B 01 J 21/02**PROCESS FOR THE OLIGOMERIZATION OF OLIFINS.**

Applicants : UOP INCORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE IN THE UNITED STATES OF AMERICA, WITH ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Inventors : ROBERT ROY FRAME AND TAMOTSU IMAI.

Application for Patent No. 203/Del/88; filed on 16 Mar, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the oligomerization of an olefinic hydrocarbon having 2 to 6 carbon atoms which comprises contacting a charge stock containing said hydrocarbon at oligomerization conditions comprising a temperature of from -20°C to 200°C and a pressure of from 2.5 Mpa to 7 MPa with a catalytic composite characterized in that said catalytic composite comprises a combination of an alkyl aluminium compound with a porous support containing an iron group metal and non-transition metal of Group IV of the Periodic Table, said alkyl aluminium compound being present in said composite in a mole ratio of alkyl aluminium compound to iron group metal in the range of from 0.05 : 1 to 6 : 1 moles, said iron group metal being present in said composite, on an elemental basis in an amount in the range of from 1% to 20% by weight of said composite and a weight ratio of Group IV metal to iron group metal in a range of from 0.1 : 1 to 10 : 1.

Compl. Specn. 24 pages.

Ind. Cl. : 39 N

174002

Int. Cl.⁴ G01L 39/12**A PROCESS FOR THE MANUFACTURE OF SPUTTERING TARGETS OF CERAMIC COMPOUNDS USEFUL FOR THE PREPARATION OF HIGH TEMPERATURE SUPERCONDUCTING THIN FILMS.**

Applicants : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : RAM PRATAP GUPTA AND WAMAN SADASHIV KHOKLE.

Application for Patent No. 377/Del/88 filed on 2 May 1988.

Complete Specification left on 28th July 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the manufacture of sputtering targets of ceramic materials useful for the preparation of high temperature superconducting thin films which comprises,

(i) mixing the compounds of constituting elements of ceramic compound thoroughly alongwith or without an inert organic solvent in a manner as herein described,

(ii) calcining the mixture by heating to a temperature in the range of $750-900^{\circ}\text{C}$ for solid state diffusion between the atoms of the constituents of the ceramic compound,

(iii) pulverising the calcined powder by known method,

(iv) pressing the pulverised powder in the presence of an organic binder as herein described to obtain a target of desired shape and size,

(v) oxidising the pressed target in an air furnace by heating gradually at a rate of $1^{\circ}\text{C}/\text{min.}$, maintaining the temperature for a period of 10—12 hrs then, cooling slowly to the room temperature at rate of $1^{\circ}\text{C}/\text{min.}$

Provisional Specn. 4 pages

Compl. Specn. 9 pages

Ind. Cl. : 19 B-2.

174003

Int. Cl. : F 16 B 39/00.

SELF-LOCKING FASTENERS.

Applicant : SPS TECHNOLOGIES, INC., NEWTOWN-YARDLEY ROAD, NEWTOWN, PENNSYLVANIA 18940, UNITED STATES OF AMERICA.

Inventor : RICHARD CLAUDE LANDT.

Application for Patent No. 387/Del/1988; filed on 04-05-1988.

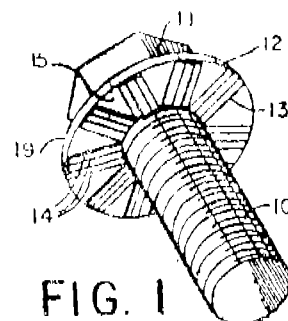
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi 110 005.

6 Claims

A self-locking fastener for a work piece like a screw-bolt (10,11), a screw-nut (40) or a washer (50), having a bearing surface comprising :

a plurality of serrations (13) in the form of teeth when viewed along a cylinder concentric with the longitudinal axis of the fastener;

a plurality of intermediate surface (18,29) each being part of said teeth, each of the teeth having a root (21,31), a crest (16,24,26,27), a wall (22, 33) extending between the crest of the teeth and the root of the tooth and an inclined surface (17,28), extending between the crest of the tooth and one of the intermediate surfaces (18,29) each intermediate surface (18,29) being provided on an intermediate level between said roots and said crests said plurality of intermediate surfaces together generally defining the bearing plane, characterized in that each of said intermediate surfaces (18,29) forming, seen in radial direction, an angle (α) relative to said bearing plane said angle (α) deviating from 0° and being at maximum 10° .

**FIG. 1**

(Compl. Specn.—16 pages)

Drawings—02 sheets

Ind. Cl. : 40 F.

174004

Int. Cl. : B01J 8/24.

PROCESSING APPARATUS PARTICULARLY FOR USE IN CRYSTALLIZATION AND DRYING OF PLASTIC GRANULATE MATERIAL.

Applicant : GEBRUDER BUHLER AG., OF MASCHINENFABRIK, CH-9240 UZWIL, SWITZERLAND, A SWISS COMPANY.

Inventor : ROGER ROSSE.

Application for Patent No. 397/Del/1988; filed on 05-05-1988.

Appropriate office for opposition proceedings Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A processing apparatus particularly for use in crystallisation and drying of plastic granulate material comprising a fluidized bed and bubble chamber (1) having an annular aeration disc (6) therein which is penetrable by gas, said aeration disc (6) having an internal orifice closed off by a displacement body (4) particularly a cone which extends up to the top of the chamber, extending concentrically over at least approximately the whole operational height of the fluidized bed and bubble layer chamber (1), said displacement body having a cross section tapering upwards at least in the lower region of the chamber (1), characterised in that a partition (29) is provided between an internal surface of the outer wall of the fluidized bed and bubble layer chamber (1) and the outer surface of said displacement body (4); a feeder device (15) being provided on one side of the partition (29) for the granulate material, an outlet (5) therefore being provided on the other side of said partition, and said annular aeration disc (6) is provided with pneumatic means (7) for promoting the movement of the product to be treated to go around the displacement body from the feeder device (15) on one side of said partition to the outlet (5) on the other side thereof.

(Comp. Spcn.—14 Pages

Drawings—02 sheets)

Ind Cl. : 98 I

174005

Int. Cl.⁴ : F03G 7/00 F 24J 2/00**AN IMPROVED DEVICE FOR CONVERTING SOLAR ENERGY TO THERMAL ENERGY.**

Applicant(s) : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : SHIVRAM DATTATRAYA SATHAYE, HARI SHANKAR POTDAR, HIRJI SHIVJI SONI AND AKHOURI PURNENDUBHUSHAN SINHA.

Application for Patent No. 477/Del/88 filed on 30 May 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An improved device for converting solar energy to thermal energy, which comprises a container (13) made up of a non-corrosive material having an inlet (14) on one side and an outlet (15) on the other side with means (16 & 17) for regulating the flow of the absorbing fluid, the container being insulated from all but the front side, the container containing an absorbing fluid having 85% transparency in the IR region of spectrum and having a molecular weight ranging from 150—400 and boiling point beyond 150°C with or without diluent, and containing black solid particles of 100 to 500°C size of the kind as herein described, the container being covered with transparent sheets with suitable space between them.

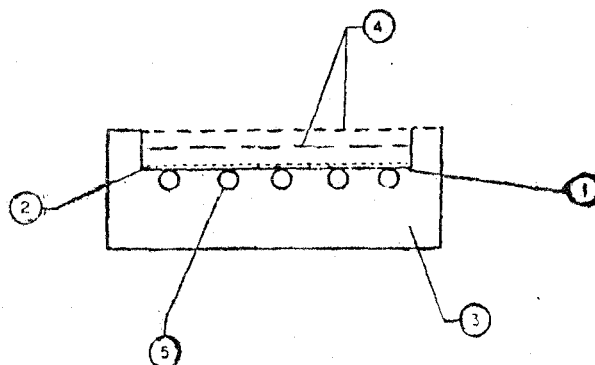


Fig. 1

(Comp. Spcn.—12 pages

Drawing sheet—4)

Ind. Cl. 27 I

174006

Int. Cl.⁴ : B 04 C 1/40**A STRUCTURAL SHEET METAL ELONGATED MEMBER ADAPTED TO BE USED AS A COMPONENT OF A WALL FRAME.**

Applicant : CAROLD PICHETTE, A CANADIAN CITIZEN OF 163 DE L' EGLISE STREET, CHATEAU RICHER, PROVINCE OF QUEBEC GOA 1 NO, CANADA.

Inventor : CAROLD PICHETTE.

Application for Patent No. 495/Del/88; filed on 6th June, 1988.

Convention date : 06-7-87/541, 362/CANADA.

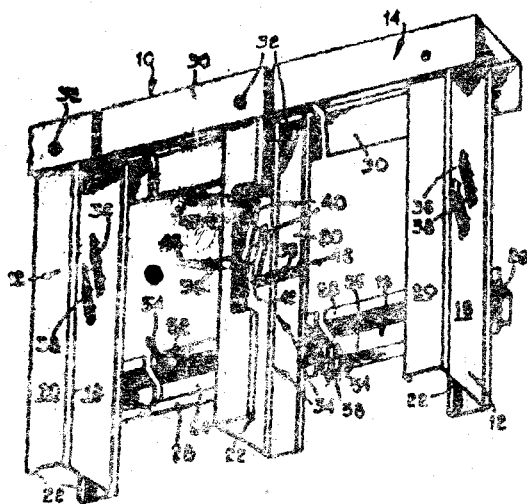
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

An elongated sheet metal, structural member to be used as a wall frame (10) component comprising a cavity to receive insulating panels, said member comprises U-shaped cross-section, a web and two legs connected to said web, said member being used as a stud and said stud (12) having stuck-out portions made in said web and longitudinally spaced from each other, each of said stuck-out portions comprising an elongated prong having an end-wise free tip longitudinal edges and an inner end integral to said web along a bending line, each prong being bendable between an inoperative position coplanar to said web and an operative position in which the plane of said prong is at least substantially

normal to said web (18), the operative position of said prongs comprise first prongs located on one side of said web and second prongs located on the opposite side of said web.

FIG. 1



(Comp. Spcn.—14 pages

Drwgn.—four sheets)

Ind. Cl. : 32 F 2(C)

174007

Int. Cl. : CO7C 103/00

A PROCESS FOR THE PRODUCTION OF A CARBAMATE.

Applicant(s) : BP CHEMICALS LIMITED, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, UNITED KINGDOM. A BRITISH COMPANY.

Inventor(s) : R. A. COURT, W. J. FOX, J. E. HAMLIN AND S. P. O'CONNOR.

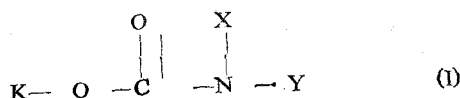
Application for patent No. 547/Del/88 filed on 27 Jun 1988.

Convention date 25-6-87/87140173/U.K. & 25-6-87/87140174/U.K. 25-6-87/87140172/U.K.

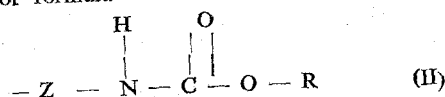
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

claims 12

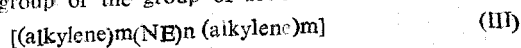
A process for the production of a carbamate having the formula :—



wherein X and Y are independently either hydrogen, a hydrocarbyl group or a hetero-substituted hydrocarbyl group or the group of formula :—

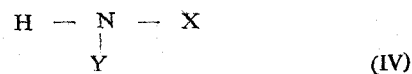


wherein Z is either a divalent hydrocarbyl, a substituted hydrocarbyl group or the group of formula :—



in which n=0 to 4 and m=1 to 4, and R is a hydrocarbyl or substituted hydrocarbyl group, provided that if either one of X or Y is the group of formula (II), the other of X or

Y is hydrogen, which process comprises reacting a compound of the formula :—



wherein X and Y are independently either hydrogen, a hydrocarbyl group or a hetero-substituted hydrocarbyl group with a dihydrocarbyl carbonate having the formula :—



wherein independently R is as defined above in the presence of catalyst of a strong organic base wherein at least 1 mole of the compound of IV per mole of the dihydrocarbyl carbonate of formula V is employed to produce the required carbamate.

(Comp. Spcn.—18 pages

Drwgn. sheet—1)

Ind. Cl. : 206E [LXII].

174008

Int. Cl. : G06F 7/60.

AN ENCODING OR DECODING APPARATUS.

Applicant : DIGITAL EQUIPMENT CORPORATION, OF 146 MAIN STREET, MAYNARD, MASSACHUSETTS 01754 UNITED STATES OF AMERICA, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor(s) : LIH-JYH WENG.

Application for Patent No. 595/Del/88 filed on 11-07-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 3

An encoding or decoding apparatus and for computing the quotient, B/A, of two elements A and B of Galois Field GF(2^QM) said apparatus comprising a first multiplier (100,102) for raising the element A to the 2(Q-3)M+2(Q-2)M + ... + 2M+1 power to produce a product C as defined herein, a 2M look-up table (104) connected to the first multiplier (100,102) and which is addressed by the product C for producing an element C⁻¹ as defined herein, a second multiplier connected to the first multiplier and said 2M look-up table and for multiplying the element C⁻¹ by A^S where S is as defined herein to produce a product A⁻¹ as defined herein, and a third multiplier (108) connected to said second multiplier (106) and further provided with the reference input of element B for multiplying the product A⁻¹ by element B to produce the quotient B/A.

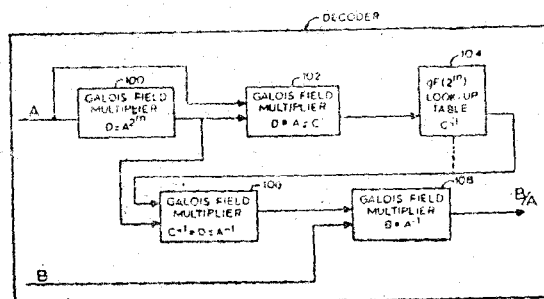


FIG. 2

(Comp. Spcn.—15 pages

Drwgn.—One sheet).

Ind. Cl. : 32 F (2a)

174009

Int. Cl.⁴ : C07C, 103/19.**PROCESS FOR THE PRODUCTION OF α -6- DEOXY-TERACYCLINES.**Applicant : RANBAXY LABORATORIES LIMITED,
19, NEHRU PLACE, NEW DELHI (INDIA).Inventors : JAG MOHAN KHANNA, KIRAN BALA,
INDERPAL SINGH GROVER.Application for Patent No. 37/Del/89 filed on 18 Jan
1989.Appropriate Office for Opposition Proceeding (Rule 4,
Patents Rules, 1972) Patent Office Branch, New
Delhi-110 005.

Claims 6

A process for the preparation of an α -6- deoxytetracycline by the hydrogenation of α -6-deoxy-6- demethyl-6-methylenetetracycline or a salt thereof in the presence of a hydrogenation catalyst comprising transition metal complex of formula MCl_x (pph_y), and a trace of rhodium wherein M is copper or nickel or cobalt and $x=1-2$ and $y=1-3$, per mole of the said substrate and also under pressures of from 4 to 12 kg/cm² and at temperatures of from 50° to 90°C, and the α -6-deoxytetracycline is recovered in the form of the sulfosalicilate or p-toluene sulphonate salt thereof.

(Comp. Spcn.—12 pages

& Drwgn. sheets—1)

Ind. Cl. : 39 C (III).

174010

Int. Cl.⁴ : CO 1F, 7/02.**AN IMPROVED PROCESS FOR THE PREPARATION OF ALUMINIUM HYDROXIDE GEL POWDER HAVING ANTACID PROPERTIES**

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, NEW DELHI-110001.

Inventors : BATUKLAL JAYATI LAL BHATIA, PRAVINCHANDRA MAHASTIKHARAY OZA, VINOD MANSUKHLAL SHETH, & VYOMESHPUSHKARRAY PANDEY.

Application for patent No. 125/Del/90 filed on 13 Feb
1990.

Complete specification filed on 3 April 1990.

Appropriate Office for Opposition Proceeding (Rule 4,
Patents Rules, 1972) Patent Office Branch, New
Delhi-110 005.

Claims 8

A process for the preparation of aluminium hydroxide gel powder having antacid properties which comprises preparing 20 to 30% w/v aqueous solution of aluminium sulfate and 12 to 18% w/v aqueous solution of sodium carbonate, adding slowly the said sulfate solution to sodium carbonate solution at room temperature under vigorous stirring till the pH of the mixture is in the range of 6.4 to 7.0 and mole ratio of Na₂CO₃ to Al (SO₄)₃ in the range of 3.2 to 3.4, aging the resultant slurry for a period of 4 to 16 hrs. under same conditions filtering and washing with water till the filtrate is free from sulfate and chloride ions, drying at a temperature in the range of 50-70°C, pulverising and sieving the residue by known methods.

(Provisional Specification 6 pages)

(Comp. Spcn.—9 pages

& Drwgn sheets—Nil)

Ind. Cl. : 33 A & D.

174011

Int. Cl.⁴ : B 22 D 7/00, C 21 C 5/56.**METHOD AND DEVICE FOR THE PRODUCTION OF IMPROVED STEEL INGOTS.**

Applicant : VEREINIGTE EDELSTAHLWERKE AKTIENGESellschaft (VEW), OF ELISABETHSTRASSE 12, 1010 VIENNA, AUSTRIA, AN AUSTRIAN COMPANY.

Inventors : HERBERT BARG, PETER MACHNER, WILFRIED MEYER, WERNER MITTER & KURT SCHWARZ.

Application for Patent No. 505/Del/86 filed on 6th
June, 1986.Appropriate Office for Opposition Proceeding (Rule 4,
Patents Rules, 1972) Patent Office Branch, New
Delhi-110 005.

Claims 17

A method for the production of improved steel ingots by means of electro-slag-topping which comprises filling a one-piece or multiple-piece mould with metal melt, injecting over the surface of said metal melt in said mould a layer of electrically conductive slag, cooling the lower end of said mould in order to commence solidification of said metal melt therein from the bottom upwards, and simultaneously applying heat by means of an electrical current source to said layer of electrically conductive slag whereby two superposed forces are generated within said slag, the first force causing said slag to rise to the surface near said current source whence it moves radially out-wardly to the sides of said mould cooling as it moves, downwardly along said sides and then radially inwardly in contact with the surface of the metal melt which it cools and the second force which causes the hot slag to sink near said current source to the surface of said metal melt whence it moves radially outwardly along said metal melt surface yielding its heat to said surface until it reaches the sides of said mould where it rises along said sides and then moves radially inward to said current source along the surface of said slag layer, said cooling from the bottom of said mould coupled with the application of heat and dissipation of heat from the upper part of said mould causing said metal melt introduced into said mould to solidify in layers from bottom to top and thus provide the improved steel ingot from which non-metallic impurities has been eliminated.

A device for the production of improved steel ingots by means of electro-slag-topping which comprises a one-piece or multiple-piece mould composed of a base member, one or more wall members extending upwardly from said base member to form the central part of said mould and a feeder head or cover provided over the upper end of said central part, cooling means provided within said base member, a self-consuming electrode (10) extending through said feeder head with the upper end of said electrode (10) projecting above said feeder head and the lower end extending into the hollow interior of said mould, the upper end of said electrode being connected to one terminal of a voltage source (11) and said base member being connected to the other terminal of said voltage source (11) and thermal insulating means (8) provided externally about said mould at its upper end below said feeder head, whereby the controlled supply and/or removal of heat and controlled cooling by means of said electrode (10) and said cooling means causes metal melt introduced into said mould to solidify in layers from bottom to top and thus provide the improved steel ingot.

(Comp. Spcn.—12 pages

Drwgn. sheet—one).

Ind. Cl. : 189 [LXVI (9)]

174012

Int. Cl.⁴ : A61K 7/16.**METHOD OF PREPARING ORAL COMPOSITION CONTAINING AN ANTIPLAQUE COMPOUND WITH IMPROVED TASTE**

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA OF 300 PARK AVENUE, NEW YORK, 10022, UNITED STATES OF AMERICA.

Inventor : SHAMSUL KARIM BAKAR.

Application for Patent No. 229/Del/87 filed on 18th March 1987.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 5

A method of preparing an oral composition containing an antiplaque compound with improved taste, comprising dispersing in a liquid vehicle of the kind herein described, a synergistic combination of hexetidine and tridecanol-1 in the ratio of 1:1 to 5:1 said oral composition having pH of 5-6.

(Comp. Spcn.—17 pages

drwgn—1)

Ind Cl. : 32 F (2b).

174013

Int. Cl.⁴ : C07D, 211/26.

A PROCESS FOR THE PREPARATION OF 1-(6-METHOXY-4-QUINOLINYL)-3-(3"-VINYL-1"- (N, N-DIALKYL OR HETEROCYCLIC AMINO ALKYL) OR SUBSTITUTED AMINO ALKYL 4"-PIPERIDYL) 2-METHYLENE-PROPANE-1-ONES AND THEIR WATER SOLUBLE SALTS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAJ MARG NEW DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

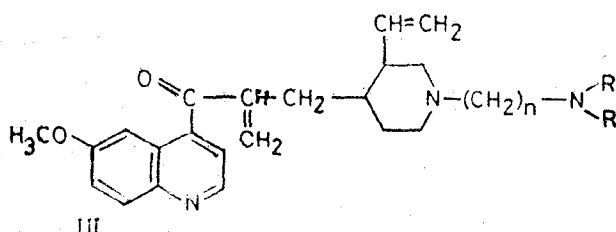
Inventors : NANDOO MAL KHANNA, VINAY KUMAR SHUKLA ANIL KUMAR DWIVEDI BACHUS-RINIVASULU SETTY VED PRAKASH KAMBOJ.

Application for patne No. 173/Del/90 filed on 26 Feb 1990

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 9

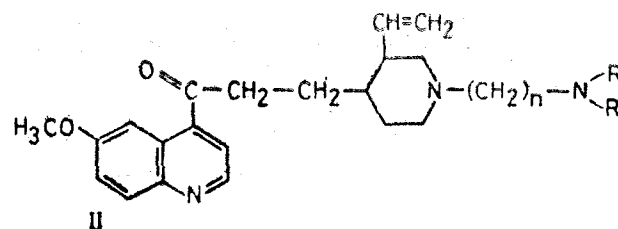
A process for the preparation of 1-(6-methoxy-4'-quinolyl)-3-(3"-vinyl-1"- (N, N-dialkyl or heterocyclic aminoalkyl or substituted aminoalkyl) -4"-piperidyl) 2-methylene-propane-1-ones of the formula III shown in drawing accompanying.



III

this specification where n represents 2 or 3, NRR represents a dialkyl amino or heterocyclic amino group and their water soluble salts such as hydrochlorides citrates and tartarates, which comprises heating quinine with a dialkyl or heterocyclic aminoalkyl chloride hydrochloride in the presence of

an alkali acetate in an organic solvent to yield 1-) (6-methoxy 4'-quinolyl)-3 (3"-vinyl-1"- (N, N-dialkyl or heterocyclic aminoalkyl) 4"-piperidyl) propane-1-ones of the formula II



where NRR and n have the meaning given above, heating the compound of the formula II with paraformaldehyde in the presence of an aliphatic acid to give a compound of the formula III, where NRR and n have meanings given above and if desired converting the compounds of the formula III into their water soluble salts thereof by conventional methods.

(Comp. Spcn.—8 pages

& Drwgn sheets—1)

Ind. Cl. : 32 C.

174014

Int. Cl.⁴ : C07D, 249/16.

A PROCESS FOR PREPARING THIENO-TRIAZOLO-DIAZEPINE DERIVATIVES AND ITS THERAPEUTICALLY ACCEPTABLE SALTS THEREOF.

Applicant : SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R.A.S.), A FRENCH COMPANY, OF 51/53 RUE DU DOCTEUR BLANCHE, 75016 PARIS, FRANCE.

Inventors : ANDRE ESANU, PIERRE BRAQUET, CHRISTIANE MARTIN AND JEAN-PIERRE LAURENT.

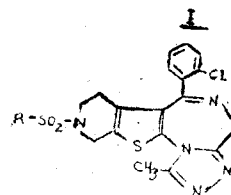
Application for patent No. 219/Del/90 filed on 7 Mar 1990.

Convention Date 31-3-1989/89 07257. 3/UK.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 2

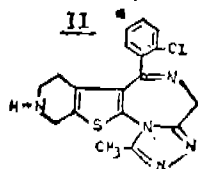
A process for preparing thieno-triazolo-diazepine derivatives of formula I of the drawings.



and its therapeutically acceptable salts thereof here R represents a straight chain or branched chain alkyl group having from 1 to 20 carbon atom;

a phenyl group, unsubstituted or substituted by an halogen atom, a straight chain or branched chain alkyl group having from 1 to 8 carbon atoms, an alkoxy group having from 1 to 5 carbon atoms, a carboxy group or an alkylsulfonyl group or an alkylthio group, or a trifluoromethyl group or an optionally substituted phenoxy group or

a furyl, thienyl, pyrrolyl, quinolyl, naphthyl group; said process comprising reacting a thieno-triazolo-diazepine compound of the formula II of the drawings



with a compound of formula RSO_2C_1 in the presence of a mild basic agent and a polar solvent as herein described at a temperature between 10°C to 30°C .

(Comp. Specn.—22 pages & Drawg. sheets—3).

Ind. Cl. : 32 F (1)-[IX(I)] 174015

Int. Cl.⁴ : CO 7D, 249/08, A 61 K, 31/425.

A PROCESS FOR THE PREPARATION OF THIENO-TRIAZOLO-DIAZEPINE DERIVATIVES.

Applicant : SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATION SCIENTIFIQUES (S.C.R.A.S.), A FRENCH COMPANY, OF 51/53 RUE DU DICTEUR BLANCHE 75016 PARIS, FRANCE.

Inventors : ANDRE ESANU, PIERRE BRAQUET, JEAN-PIERRE LAURENT AND ALAIN ROLLAND.

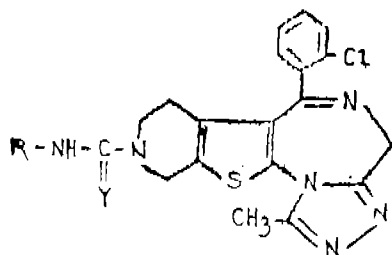
Application for Patent No. 220/Del/90 filed on 7 Mar 1990.

Convention Date 31-3-1989/89 07256.5/UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 2

A process for the preparation of thieno-triazolo-diazepine derivatives of the formula I shown in the accompanying drawings



wherein Y stands for oxygen or sulphur and R stands for a lower straight alkenyl group up to C_5 .

a straight or branched alkyl group to C_{20} , or cyclic up to C_6 .

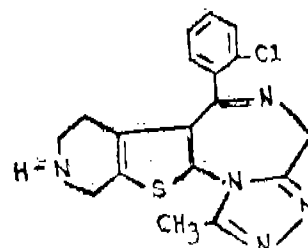
a aryl or hetero-aryl substituted straight or branched alkyl group up to C_{20} .

a phenyl group substituted by one or several alkyl groups, or lower alkoxy groups up to C_5 , a phenoxy group, a lower alkyl sulfonyl group up to C_5 , or fluorine or chlorine atoms, or trifluoromethyl groups or,

a condensed bicyclic rest containing an hetero-atom and,

a sulfonyl group substituted by phenyl or by hetero-aryl or by a condensed bicyclic group and, therapeutically acceptable salts thereof which comprises reacting under nitrogen

circulation an excess of thieno-triazolo-diazepine compound of the formula II of the drawings



on the appropriate $R=N=C=Y$ derivative wherein R and Y are as above defined, in an aprotic solvent of the kind as hereinbefore described and at a temperature comprised between room temperature and about 70°C .

(Comp. Specn.—27 pages & Drawg. sheets—9).

Ind. Cl. : 77 (B), XI (2), 85-A, XX (5). 174016

Int. Cl.⁴ : C-11 B, 1/16.

AN IMPROVED DEVICE FOR CONTINUOUS GHEE MANUFACTURE AND THE PROCESS THERE-OF.

Applicant : HARISH ABICHANDANI & SOMAYAJULA CHALPATI SARMA, DAIRY ENGINEERING DIVISION, N.D.R.I., KARNAL 132001 AND BHIMSAIN BECTOR, DAIRY CHEMISTRY DIVISION, N.D.R.I., KARNAL-132001, NATIONALITY-INDIAN.

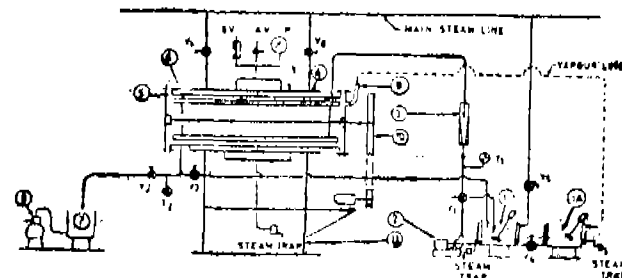
Inventors : HARISH ABICHANDANI, SOMAYAJULA CHALPATI SARMA, BHIMSAIN BECTOR.

Application for patent No. 248/Del/90 filed on 15 Mar 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 4

An improved device as shown in fig. 1 for continuous manufacture of ghee from butter or high fat cream comprising of two jacketed tanks (1), (1A); positive displacement pump (2); rotometer (3); horizontal straight sided thin film scraped surface heat exchanger (4,5) rotor (6); ghee tank (7); ghee clarifier (8); vapour outlet (9); rotor drive (10); supporting frame (11) and inter connection piping, wherein rotor (6) is provided with four staggered variable clearance blades, the geometry of blade being such that the butter or high fat cream is spread in form of thin film over herein surface, mass of blades (0.3 kg/m) is chosen to obtain low power consumption and high heat transfer coefficient (2000 W/m^2).



(Comp. Specn.—7 pages

& Drawg. sheets—4)

Ind. Cl. : 189

174017

Int. Cl.⁴ : A 61 K, 7/34, 7/38.**AN ANTIPERSPIRANT CREAM COMPOSITION.**

Applicant : THE PROCTER & GAMBLE COMPANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO UNITED STATE OF AMERICA.

Inventors : PAUL ROBERT TANNER RANDOLPH GRANT NUNN, OHN PAUL LUEBBE.

Application for Patent No. 259/Del/90 filed on 19 Mar 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

An antiperspirant cream composition, having a penetration force value of from 60 grams to 500 grams, comprising :

(a) from 20% to 70% of a volatile silicone material such as herein described;

(b) from 5% to 35% of a particulate antiperspirant active agent such as herein described;

(c) from 3% to 10% of a clay thickening agent such as herein described;

(d) from 0.1% to 5% of an activator for said clay thickening agent;

(e) from 5% to 40% of a non-volatile paraffinic hydrocarbon fluid selected from the group and consisting of mineral oils, branched chain hydrocarbon emollients containing an average of from 16 to 68 carbon atoms and mixtures thereof and

(f) optional conventional ingredient such as colorants, perfumes, non-clay thickener and hydrophilic polymers.

(Compl. Specn. 20 pages & Drg. sheet 1)

Ind. Cl. : 55 A + 189

174018

Int. Cl.⁴ : A 61 F, 13/00, 13/16, 13/18, 13/20.**ABSORBANT STRUCTURES SUCH AS CATAMENIALS DIAPERS BANDAGES AND ADULT INCONTINENCE.**

Applicant : THE PROCTER & GAMBLE COMPANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATE OF AMERICA.

Inventors : DIANE LYNN FURIO, DOUGLAS HERRIN BENSON, THERESA LOUISE JOHNSON.

Application for Patent No. 261/Del/90 filed on 19 Mar 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

An absorbent structure such as catamenials, diapers, bandages and adult incontinence garments, said structure comprising :

(a) a flexible, fluid-receiving front structures, comprises a sheet of nonabsorbent fibrous or filamentous web or net-work material, said sheet being fluid-permeable by virtue of a multiplicity of openings or channels passing therethrough;

(b) a fluid-retaining absorbent core beneath said front face comprising a major portion of fluid-retaining material such as herein described and a minor portion of odor-control material;

(c) a backing sheet beneath said core; and

(d) optionally, means for retaining said structure in an appropriate position to perform its absorbency function, characterised in that said odor-control material is the form of multiple pieces of comminuted sheet containing an odor-controlling agent such as herein described;

(Compl. Specn 23 pages Drg. sheet Nil.)

Ind. Cl. : 55 D 1

174019

Int. Cl.⁴ : A01N 25/04.**A PROCESS FOR THE PREPARATION OF AN AMALGAM.**

Applicant : RANJANA GUPTA, AN INDIAN NATIONAL OF 14 A/10, W.E.A. KAROL BAGH, PUSA ROAD, NEW DELHI-110005, INDIA.

Inventor : RANJANA GUPTA.

Application for Patent No. 476/Del/90 filed on 18 May 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the preparation of an amalgam having pesticidal applications which comprises in subjecting karanja seeds to the steps of decortication and grinding characterized in that the ground seeds are subjected to the step solvent extraction in the presence of 10 to 60% aqueous alcohol at a temperature of 60 to 65°C to obtain an emulsion of polyphenolic compounds, and offensive constituents and oil, and treating said emulsion with a solvent such as petroleum, ether or hexane to obtain said amalgam.

(Compl. Specn. 6 pages & Drg. sheet Nil)

Ind. Cl. : 55A + F

174020

Int. Cl.⁴ : A 61 K, 7/32.**A SUSPENSOID LOW RESIDUE ANTIPERSPIRANT STICK COMPOSITION.**

Applicant : THE PROCTER & GAMBLE COMPANY, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATE OF AMERICA.

Inventors : PAUL ROBERT TANNER, RANDOLPH GRANT NUNN, JOHN PAUL LUEBBE.

Application for Patent No. 275/Del/90 filed on 21 Mar 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

A suspensoid low residue antiperspirant stick composition, substantially free of water, comprising :

(a) 30% to 70% of a volatile silicone material such as herein described;

(b) 5% to 35% of a particulate antiperspirant active agent such as herein described;

(c) 3% to 20% of a non-volatile paraffinic hydrocarbon fluid selected from the group consisting of mineral oils, branched chain hydrocarbons containing an average of from 16 to 68 carbon atoms, and mixtures thereof; and

(d) 10% to 20% of a low melting point wax.

(Compl. Specn 21 pages & Drg. sheet 1)

Cl. : 121, 144 C, 194 Cl.

174021

Int. Cl.⁴ : H01 J 1/62, 1/64.

PRE-COATING COMPOSITION FOR USE IN THE MANUFACTURE OF LUMINESCENT SCREENS FOR CATHODE RAY TUBE.

Applicant : SAMSUNG ELECTRON DEVICES CO. LTD., 575, SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUNG-GI-DO, KOREA.

Inventor : HYUN-SANG KIM.

Application No. 904/Cal/1989 filed on 27th October, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A pre-coating composition for use in the manufacture of luminescent screens of cathode ray tubes, the composition comprising a binder such as herein described as the base of the pre-coating layer, a photosensitive agent such as herein described for photosensitizing the binder, an adhesive strength reinforcing agent for reinforcing the adhesive strength of the pre-coating layer, and water, wherein the adhesive strength reinforcing agent is aluminium nitrate $[Al(NO_3)_3, 9H_2O]$.

Compl. Specn. 10 pages.

Drgs. Nil.

Cl. : 190C

174022

Int. Cl. : F01D 1/00.

A METHOD OF MANUFACTURING A WATER TURBINE.

Applicant : HITACHI LTD., OF 6, KANDA SURUGA-DAI 4-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : (1) KENICHI USAMI, (2) KOOJI SATO, (3) HIROSHI TAKAYASU, (4) JOSHIRO SATO AND (5) KEIZO KIKUCHI.

Application No. 919/Cal/89 filed on 6th November, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

In a method of manufacturing a water turbine, the step of producing a build-up welding layer on at least a part of said water turbine exposed to the impact of flowing water characterized by that comprising the steps of :

melting an austenitic stainless steel powder containing metal carbide by plasma arc build-up welding and feeding the melted austenitic stainless steel on to a portion to be welded;

solidifying the melted austenitic stainless steel so that the build-up welding layer having both an austenitic stainless steel matrix and the metal carbide dispersed in the austenitic stainless steel matrix is formed.

FIG. 1A

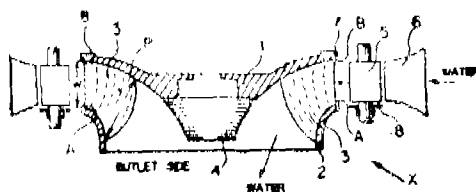
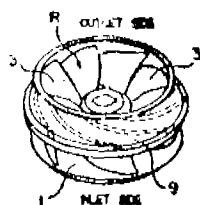


FIG. 1B



Compl. Specn. 55 pages.

Drgs. 11 sheets

Cl. : 160 C

174023

Int. Cl.⁴ : B60P 3/08.

VEHICLE FOR MOUNTING AND LAYING DOWN A SEPARABLE BRIDGE FORMED OF BRIDGE SECTIONS.

Applicant : KRUPP INDUSTRIE-TECHNIK GMBH, OF FRANZ-SCHUBERT-STRASSE 1-3, D-4100 DUISBURG 14, WEST GERMANY.

Inventor : HANS NORBERT WIEDECK.

Application No. 1009/Cal/89 filed on 5th December, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

The vehicle (1, 1') for mounting and laying down a separable bridge formed of bridge sections (10-14) comprising :

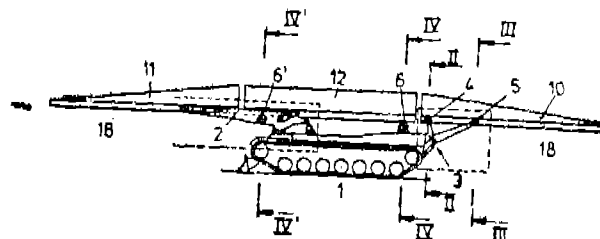
mounting device (2, 2') provided to carry an extreme end section (11) of the said separable bridge;

receiving device (3, 3') to coordinate with the said mounting device (2, 2') and provided to carry the other extreme end section (10) of the bridge;

positioning devices (6, 6') provided to maintain in alignment intermediate bridge sections (12, 13, 14) with respect to the said end sections (10, 11) of the said separable bridge;

said mounting device (2, 2') having means to couple and shift said intermediate bridge sections (12, 13, 14) and/or said bridge end sections (10, 11) of said separable bridge; and

said receiving device (3, 3') also having means to permit coupling of said intermediate bridge sections (12, 13, 14) with the end bridge sections (10, 11) at the height of the said mounting device (2, 2') to allow shifting of the said coupled bridge sections by the said mounting device (2, 2').



Compl. Specn. 12 pages.

Drgs. 5 sheets

Cl. : 11D

174024

Int. Cl.⁴ : A01M 23/38.

AN ELECTROMAGNETIC DEVICE FOR TRAPPING ANIMALS.

Applicant : GEETA BANERJEE, C/O SHRI S. N. BANERJEE OF SALT LAKE CITY, PURBACHAL HOUSING ESTATE, CLUSTER XIV, FLAT G10, CALCUTTA, WEST BENGAL STATE, INDIA.

Inventor : IDEM.

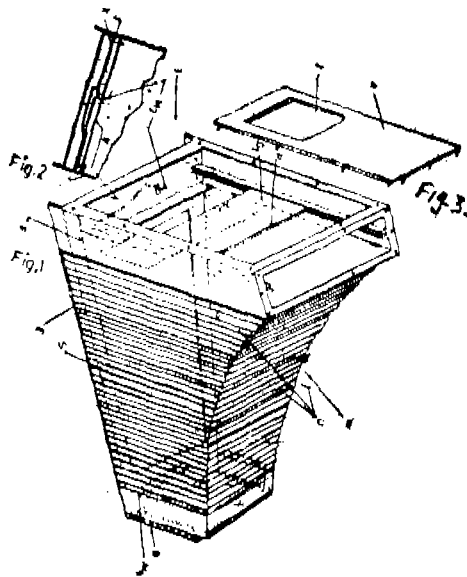
Application No. 1054/Cal/89 filed on 20th December, 1989.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

An electromagnetic device for trapping animals, comprising an enclosure (W) provided with an inlet sliding door (D₁), and an outlet door (D₂), said inlet door is adapted to remain in a lifted position when any animal does not enter into the enclosure and move to the area near the outlet door, and in an unlifted position when any animal enters into the enclosure and moves to the area near the outlet

door, said outlet door is adapted to remain in a closed state unless it is opened for removing the animals trapped inside the enclosure, characterised in that a platform (F), mounted preferably, on axle and bearing (S), is provided inside the enclosure in such a manner that said platform remains tilted down towards the inlet door when any animal does not enter into the enclosure and move to the area near the outlet door, and remains tilted down towards the outlet door when any animal enters into the enclosure and moves to the area near the outlet door; and that a permanent magnet (P) is fitted on the inlet door and an electromagnet (M) on a horizontal support (H) above the inlet door in a manner such that the inlet door remains lifted above the floor of the device, if it is raised upward until the distance between the near ends of the said permanent magnet and electromagnet in its deenergised state is less than a predetermined limit, and drops on the floor of the device, if said electromagnet gets energised owing to the flow of a current in its coil from a source through two microswitches (M_1 , M_2), of which (M_1) is positioned on the floor of the device near the outlet door and remains in an off-state as long as the end of the platform near outlet door does not tilt down by the weight of an animal entering into the enclosure and moving over the platform near the outlet door, and (M_2) is positioned on the floor of the device near the inlet door and remains in an on-state as long as the inlet door does not drop on the floor of the device, in a direction so as to make the near ends of the permanent magnet and the electromagnet to be of like polarity.



Prov. Specn. 24 pages
Compl. Specn 15 pages

sheets
Drgs. 2 sheets

Cl. : 74, 203

174025

Int. Cl.⁴ : D01D 10/02, D01F 8/00, D04D 9/00.

METHOD OF MAKING HEAT SHRINKABLE RIBBON.

Applicant : KABELMETAL ELEKTRO GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, POSTFACH 260, 3000 HANNOVER 1, KABELKAMP 20, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) KARL-HEINZ MARX AND (2) FRANZ GRAJEWSKI.

Application No. 89/Cal/90 filed on 30th January, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Method of making heat shrinkable ribbon, such as herein described, comprising the steps of

- providing a plurality of first unstretchable helical threads, such as herein described,
- providing a plurality of second unstretchable threads, such as herein described, in an orientation at least partially transversely to said first threads, to obtain a mat;
- embedding the aforementioned threads into a layer of polymeric material, such as herein described, and cross-linking the layer in the manner, such as herein described, to obtain a ribbon constituted by the said mat and the layer of polymeric material in which the mat is embedded;
- stretching the ribbon obtained from step (c), in direction longitudinally to the extension of the first threads at an elevated temperature at or above the melting temperature of the crystals of the cross-linked polymeric material, while maintaining the stretched state of the said ribbon as a whole during subsequent tool-down thereof upto ambient temperature.

Compl. Specn. 37 pages.

Drgs. 7 sheets.

Cl : 172D6, 145D.

174026

Int. Cl.⁴ : D21F 1/00, D01H 3/00.

EXPANDER ROLLER (ALSO CALLED ROTARY STRETCHER) FOR WEBS OF PAPER, TEXTILE, MATERIAL, FOIL OR THE LIKE.

Applicant : HELMUTH SCHMOOCK, OF BUCHNER WEG 121, D-2058 LAUENBURG/ELBE, FEDERAL REPUBLIC OF GERMANY.

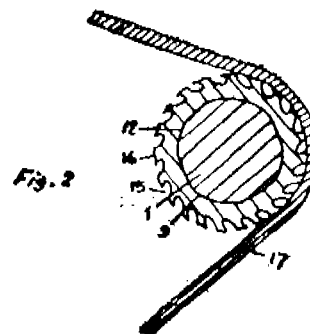
Inventor : IDEM.

Application No. 02/Cal/90 filed on 1st February, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

37 Claims

An expander roller comprising a substantially cylindrical core having a peripheral surface, and an outer layer surrounding said peripheral surface and including at least one helically convoluted strip, said outer layer including a substantially cylindrical external surface having a profile composed of at least one groove.



Compl. Specn. 35 pages.

Drgs. 2 sheets.

Cl. 126A.

174027

Int.Cl.4: G01B 7/00.

EXTENSOMETER FOR MEASURING DIMENSIONAL CHANGE AND METHOD OF MAKING SAME.

Applicant: THE UNIVERSITY OF MELBOURNE, OF VICTORIA, OF GRATTAN STREET PARKVILLE, VICTORIA 3052, AUSTRALIA.

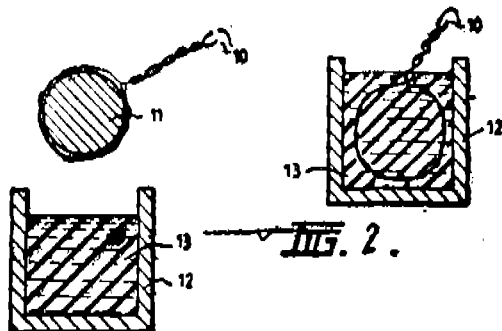
Inventor: IDEM.

Application No. 52/Cal/90 filed on 22nd January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

An extensometer for measuring dimensional change as herein described, said extensometer comprising two or more adjacent electrical conductors (10) selected and configured to allow relative positioning changes thereof to cause a change in electrical interaction between said conductors, characterised in that, said conductors are thin, pliable, electrically conductive wires wound in the form of interposed helical coils, said coils having atleast two adjacent turns that are completely enclosed within a block (13) of elastic dielectric material (13) as a means for restoring said wires to their original configuration after a relative displacement thereof, wherein said configured electrically conductive wires and said elastic dielectric material combine to facilitate arcuate deformation during use and accurate measurement of large and small elongations and deformations of the extensometer.

**FIG. 1.**

(Compl. Specn. 11 pages;

Drgns. 3 sheets)

Cl.: 134A

174028

Int.Cl.4: B61C 3/00.

ELECTRIC LOCOMOTIVE AND METHOD OF CONSTRUCTING ELECTRIC LOCOMOTIVE.

Applicant: HITACHI, LTD., OF 6 KANDA SURUGADAI 4-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors:

(1) TOMOHARU MIYASHITA.

(2) HIROSHI YAMAGUCHI.

Application No. 96/Cal/90 filed on 2nd February 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patens Rules, 1972) Patent Office, Calcutta.

9 Claims

An electric locomotive in which electric power out of a car body of the electric locomotive is received and fed to traction motors thereof through a plurality of electric devices mounted on the car body, thereby to generate tractive force, characterized in that said plurality of electric devices are allotted into a power supply block and at least one control-related device block having a power supply function and having some of said electric devices concerning power supply, and said control-related device block having the other electric devices assembled as one unit.

(Compl. Specn. 13 pages

Drgns. 1 sheet)

Cl.: 63E.

174029

Int. Cl.4: H02K 5/15.

AN IMPROVED ELECTRIC MOTOR.

Applicant: EMERSON ELECTRIC CO., OF 8100 W. FLORISSANT, ST. LOUIS, MISSOURI 63136, U.S.A.

Inventors: BARRY MONROE NEWBERG.

Application No. 345/Cal/90 filed on 25th April 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patens Rules, 1972) Patent Office, Calcutta.

7 Claims

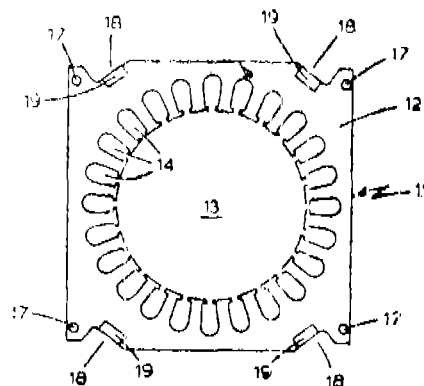
Electric motor comprising a stator assembly (3) including a stator core (11) formed and assembled from a stack of core laminations (12), said stator core (11) having a central bore (13) extending longitudinally therethrough and a plurality of spaced core holes (17) in said core (11) surrounding said bore (13) with said core holes (17) having openings therein along the opposed end faces of said stator core (11);

a rotor assembly (4) including a rotor body centered within said bore (13), said rotor body having a rotor shaft (8) extending endwise therefrom;

bearing support end shield means (6, 7) having bearing supports (9) for reception and journalling of said rotor shaft (8) to rotatably support said rotor assembly (4) within said central bore (13) of said stator core (11), said bearing support end shield means (6, 7) including a plurality of bearing support end shield openings (22) therein spaced to be in alignment with and in register with said core hole openings of said core holes (17) surrounding said central bore (13) of said stator core (11); and

a plurality of fasteners (23) extending through said spaced and aligned registered bearing support end shield means and core hole openings into said core holes (17) of said stator core (11) to tightly draw said bearing support end shield means (6, 7) into firm engagement with said stator core (11);

characterized by core lamination joining means (19) arranged to firmly grip and hold together said assembled stack of core laminations (12) forming said stator core (11), said core lamination joining means (19) being preselected in spaced position relative to said fasteners (23) to provide resistance along said stack of assembled core laminations (12) to the bending moment created by the tightening of said plurality of fasteners (23) extending into said core holes (17) of said stator core (11) to be less than the resistance to the bending moment along said bearing support end shield means (6, 7) whereby said bearing support end shield means (6, 7) is maintained in squared stable position relative said motor shaft (8) with any bending created by fastener tightening forces occurring among the stack of assembled laminations (12) forming said stator core (11) rather than the bearing support end shield means (6, 7) to insure assembled stability of the bearing support end shield means (6, 7).

**FIG. 2**

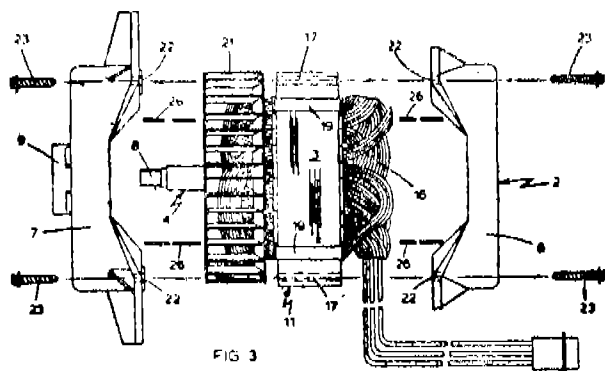


FIG 3

(Compl. Specn. 15 pages;

Drngs. 3 sheets)

Cl.: 39K,

174030

Int. Cl.: C01B 25/18.

A PROCESS FOR THE MANUFACTURE OF PHOSPHORIC ACID FROM LOW GRADE ROCK PHOSPHATE.

Applicant: PROJECTS & DEVELOPMENT INDIA LIMITED, P.O. SINDRI, PIN-828122, DHANBAD, BIHAR, INDIA.

Inventors:

- (1) KRISHNA MOHAN VERMA,
- (2) RAM UDAR SINGH,
- (3) ANWAR AHMAD,
- (4) BISHWANATH GUPTA,
- (5) OM PRAKASH MITTAL,
- (6) AJIT KUMAR DAS,
- (7) BAISAKH GUPTA, AND
- (8) JIBAN KUMAR CHAKLADER.

Application No. 522/Cal/90 filed on 25th June 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A process for the manufacture of phosphoric acid from low grade rock phosphate containing both magnesium and silica as impurities which comprises subjecting said rock phosphate to a 4 stage reaction in which in the first stage the rock phosphate is reacted with dilute sulfuric acid of strength 2-15% to remove magnesium impurities at temperatures of 40 to 100°C., in the second stage of which the magnesium depleted rock phosphate is subjected to a reaction with phosphoric acid and sulfuric acid to obtain a solid residue containing silica values and a liquid stream containing calcium and P₂O₅ values and in the 3rd stage of which the said liquid stream is subjected to reaction with sulfuric acid in order to obtain insoluble gypsum as by product and soluble phosphoric acid as product, each of which is recovered separately, characterized in that in the first stage the rock phosphate containing magnesium and silica impurities is slurried in water and the said slurry is subjected to reaction with dilute sulfuric acid at 40 to 70°C and wherein in the second stage the magnesium depleted rock phosphate is first subjected to reaction with phosphoric acid at temperatures of 50 to 100°C, whereafter the reaction mass is subjected to further reaction with sulfuric acid at temperatures around 50 to 100°C followed by filtering the reaction mass of the second stage at washing the solid matter with water to obtain insoluble silica and soluble liquid stream containing the reaction product thereafter carrying out the third stage of reaction with the said liquid stream by using sulfuric acid so as to obtain insoluble gypsum as by-product and soluble phosphoric acid as product which are then recovered separately in the usual manner.

(Compl. Specn. 17 pages.

Drngs. Nil)

CESSATION OF PATENTS

169206 169208 169232 169233 169263 169269 169276 169277
 169283 169285 169312 169315 169320 169326 169332 169333
 169339 169348 169354 169355 169372 169378 169379 169385
 169386 169396 169412 169413 169415 169422 169431 169438
 169445 169497 169518 169528 169533 169534 169540 169552
 169571 169578 169598 169602 169605 169609 169620 169633
 169640 169641 169683 169685 169697 169703 169712 169717
 169744.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Hydranautics, Corporation, a corporation duly organized and existing under the laws of the State of California of E 11111 Flinkote Avenue, San Diego California 921221, United States of America have made an application under Section 57 of the patents Act, 1970 for amendment of Application and specification of their application for patent No. 173045 for "water permeable membrane suitable for desalination application E.G. reverse osmosis membrane and process for preparing the same". The application for amendment and the proposed amendments can be inspected free of charge at Patent Office 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

RENEWAL FEES PAID

154219 154898 155080 155176 155415 155761 156336 156898
 156899 156946 157146 157938 158597 158956 159327 159740
 159780 159782 159971 159972 159975 160029 160246 160484
 160600 160706 161036 161320 162686 163023 163061 163154
 163251 163654 163972 164048 164061 164289 164381 164409
 164463 164476 164634 164635 164742 164788 164822 164889
 164890 165098 166049 166158 166118 166798 166869 166949
 166950 166988 167067 167150 167178 167216 167274 167315
 167331 167432 167478 167862 168156 168244 168279 168290
 168402 168784 169351 169353 169559 169560 169728 169919
 170041 170132 170134 170406 170416 170481 170555 170667
 170811 170870 170876 171113 171118 171184 171265 171268
 171567 171605 171607 171668 171676 171707 171726 171751
 171752 171891 171895 171896.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 157998 granted to Sansid Polbro Chemicals (India) Pvt. Ltd. for an invention relating to "an improved tundish".

The Patent ceased on the 19-7-1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 161402 granted to Ron Allan Industries (Australia) Pvt. Ltd. for an invention relating to "building panels".

The Patent ceased on the 15th Oct. 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 163657 granted to Metacon Ag. for an invention relating to "fire-proof pair of plates for swivel locks or rotary slide locks".

The Patent ceased on the 21st June 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 164014 granted to Metacon Ag. for an invention relating to "pivotal sliding gate valve for metallurgical vessel".

The Patent ceased on the 21st June 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 164334 granted to Metacon Ag. for an invention relating to "a method of continuous casting of ingots".

The Patent ceased on the 21st June 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of

Patent No. 164426 granted to Tracetel Tirfor India Pvt. Ltd. for an invention relating to "improvement in a device for measuring loads in tension".

The Patent ceased on the 17th June 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167449 granted to The Dow Chemical Company for an invention relating to "a process for preparing an adduct of mixed metal layered hydroxide".

The Patent ceased on the 2nd July 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 6th August, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 27-10-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENT SEALED ON

29-7-94

172161 171297 172592* 172621* 172623* 172624 172625
172626 172634 172636* 172639 172641* 172645 172652
172653* 172654 172655 172656* 172671 172673* 172674*
172675 172679 172681 172683 172686 172687 172689*D
172690*D 172691 172692* 172693 172694 172695 172696
172697*D 172698*D 172699*F 172700*D 172702*.

Cal—01

Bom—06

Mas—13

Del—20.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patents Act 1970 from the date of expiration of three years from the date of Sealing.

D—Drug Patent, F—Food Patent.

REGISTRATION OF DESIGN

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 3. No. 165981 & 165982, Hindustan Lever Limited, a company incorporated under the Indian Companies Act, 1913, registered office of which is at 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India, "BOTTLE", 4 August 1993.

- Class 3. No. 167032, 167033, 167034, Bijay Kumar Jaiswal, Indian of 20/11 Kritibash Mukharjee Road, Calcutta 700 067, W.B., India, "BATTERY CONTAINER", 18 March 1994.
- Class 3. No. 166615, Lallubhai Amichand Limited, a Company incorporated under the companies Act, of 48/50 Kansara Chawl, Kalbadevi Road, Bombay-400 002, Maharashtra, India, "HANDLE FOR UTENSILS/PRESSURE COOKER", 22 Dec 1993.
- Class 3. No. 165977, Clearlite Plastic Industries, of 207, Jafferbhoy Industrial Estate, Makwana Street, Andheri Kurla Road, Andheri (E), Bombay-400 059, Maharashtra, India, Indian Partnership firm, "LUMINAIRE", 3 August 1993.
- Class 3. No. 165996, Jervis B. Webb International Company, a corporation organised under the laws of the State of Michigan, United States of America of Webb Drive, Farmington Hills, Michigan 48331, U.S.A., "CONVEYOR TROLLEY PUSHER", 6 August 1993.
- Class 3. No. 166875, Novoflex Cable Care Systems, of 3B Camac Street, Calcutta-700 016, W. Bengal, India, an Indian Partnership firm, "FIXED LENGTH PILFERPROOF SECURITY SEAL", 22 Feb 1994.
- Class 3. No. 166557, Yusuf Noormohammad Seliya, Indian national, trading as Sabah Products (India), sole proprietorship firm for G/4, Fatemid-B, Behram Baug Road, Jogeshwari (West), Bombay-400102, Maharashtra, India, "BOTTLE", 6 Dec 1993.
- Class 3. No. 165983, Motorola INC., a corporation of the State of Delaware, located and doing business at corporate Offices, 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "COMMUNICATION RECEIVER", 4 August 1993.
- Class 3. No. 166257, Fullmark PTE Ltd., a Singapore Company of 10 Soon Lee Road, Jurong Town, Singapore 2262, "RIBBON CARTRIDGE", 23 September 1993.
- Class 3. No. 166789, Tarun Kumar Halder, an Indian of 145/3, S.K. Deb Road, Calcutta-700048, West Bengal, India, "CONTAINER FOR COSMETICS", 4 February 1994.
- Class 3. No. 166239, Hindustan Lever Limited, 165/166, backbay Reclamation, Bombay-400020, Maharashtra, India, "CONTAINER", 23 March 1993.
- Class 3. No. 165968, Wilkinson Sword Gesellschaft Mit Beschränkter Haftung, a German company of Schützenstr. D-42659 Solingen, Germany, "WET SHAVING APPARATUS", 2nd August 1993.
- Class 3. No. 166606, Jalaram Plastic Industries, a proprietary firm, 10, Devan Industrial Estate, I.B. Patel Road, Goregaon (E), Bombay-400063, Maharashtra, India, "MIXER BODY", 21st December 1993.
- Class 3. No. 165873, Lakme Limited, an Indian Company, having its office at Bombay House, 24 Homi Modi Street, Bombay 400061, Maharashtra, India, "CHAPSTICK TUBE (WITHOUT CAP)", 15th July 1993.
- Class 3. No. 165877, Aswani fibres, an Indian partnership firm, 13-1-79, Old Club Road, Kothapet, Guntur 522 001 (A.P.), India, "AIR COOLER", 16th July 1993.
- Class 3. No. 165810, Standipack Pvt. Ltd., 25 Community Centre, East of Kailash, New Delhi-110065, India, "DISCHARGE MEMBER FOR REFILLABLE POUCH", 28th June 1993.
- Class 3. No. 165842, Castrol India Limited, an Indian Company, White House, 91 Walkeshwar Road, Bombay-400006, Maharashtra, India, "CONTAINER", 5th July 1993.
- Class 3. No. 165889, Easton Sports Europe B.V., a Dutch Pvt. Ltd., Liability Company of Noorderdreef 66, 2153 LL Nieuw Vennep, The Netherlands, "HOCKEY STICK", 19th July 1993.
- Class 3. No. 166013 to 166018, Tata Keltron Limited, Incorporated in India, Kanjikode West, Palghat 678623, Kerala, India, "TELEPHONE", 10 August 1993.
- Class 3. No. 165870, Massey Ferguson group Limited, Stareton Kenilworth Warwickshire England, CV8 2LJ, "TRACTOR FRONT GRILL AND SURROUND", 14th July 1993.
- Class 3. No. 165876, Philips Electronics N.V., a limited liability company organized and established under the laws of the Kingdom of the Netherlands, carrying on business as Manufacturers at Grenewoudseweg 1, Eindhoven, The Netherlands, "CITRUS PRESS", 16th July 1993.
- Class 3. No. 165894, Maskara Plastics, 302/303, Sunita Apartment, S.V. Road, Malad (W), Bombay-64, Maharashtra, India, an Indian Partnership firm, "HAND FAN", 19th July 1993.
- Class 3. No. 166035, Twofish Unlimited, of 1137A Hearst Avenue, Berkeley, California 94702, U.S.A., "LOCK MOUNT", 13th August 1993.
- Class 3. No. 166531, Motorola INC, a corporation of the State of Delaware, located and doing business at corporate Offices, 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "BATTERY HOUSING FOR A PORTABLE TELEPHONE", 1st December 1993.
- Class 3. No. 166854, Motul S.A., a French company of 119, Boulevard Felix-Faure, 93300 aubervilliers, France, "CONTAINER", 17 February 1994.
- Class 3. No. 167327, Castrol India Limited, an Indian company, incorporated in India, White House, 91, Walkeshwar road, Bombay-400006, Maharashtra India, "CAP", 2nd May 1994.
- Class 3. No. 166585, Petersen Manufacturing Co., INC., a corporation organised and existing under the laws of the State of Nebraska United States of America of 108, South pear, DeWitt, Nebraska 68341, U.S.A. "SPRING CLAMP", 13th December 1993.
- Class 3. No. 167302, Karamchand Industries registered partnership firm, Karamchand House, 1, Southern Avenue, Maharani Bagh, New Delhi-110065, India, "BOTTLE WITH LID", 28th April 1994.
- Class 3. No. 167303, Karamchand Industries registered partnership firm, Karamchand House, 1, Southern Avenue, Maharani Bagh, New Delhi-110065, India, "LID", 28th April 1994.
- Class 3. No. 166089, Eagle Flask Industries Limited, a company incorporated under the Indian companies Act, having its registered office at Eagle Estate, Talegaon-410507, Pune, Maharashtra, India "FLASK", 27 August 1993.
- Class 3. No. 166091, Eagle Flask Industries Limited, a company incorporated under the Indian companies Act, having its registered office at Eagle Estate, Talegaon-410507, Pune, Maharashtra, India, "FLASK", August 1993.
- Class 3. No. 165672, Eagle Flask Industries Limited, a company incorporated under the Indian companies Act, having its registered office at Eagle Estate, Talegaon-410507, Pune, Maharashtra, India, "THERMOS JUG", 27 August 1993.
- Class 3. No. 166069, Eagle Flask Industries Limited, a company incorporated under the Indian companies Act, having its registered office at Eagle Estate, Talegaon-410507, Pune, Maharashtra, India, "THERMOS JUG", 24 August 1993.

Class 3. No. 165971, Khurana Brothers (P) Limited, 31-B, Prehlad Market, Karol Bagh, New Delhi-110 005, an Indian company, "COPY HOLDER", 2nd August 1993.

Class 3. No. 165972, Khurana Brothers (P) Limited, 31-B, Prehlad Market, Karol Bagh, New Delhi-110 005, an Indian company, "FILE", 3rd August 1993.

Class 3. No. 165914, Creation, an Indian sole proprietor's firm, carrying on business at Krishna Bhuwan, 4th floor, 146, Dr. Viegas Street, Bombay-400 002, Maharashtra, India, "TELEPHONE STAND WITH DRAWERS", 22nd July 1993.

Class 3. No. 165915, Creation, an Indian sole proprietor's firm, carrying on business at Krishna Bhuwan, 4th floor, 146, Dr. Viegas Street, Bombay-400 002, Maharashtra, India, "PENS-CUM-STAND WITH TRAY", 22nd July 1993.

Class 3. No. 165683 & 165687, Kapril Products and Packagings Pvt. Ltd., Venu-Vimal House, 16, Road No. 9, M.I.D.C., Andheri (E), Bombay-400093, Maharashtra, India, "TOOTH BRUSH", 1st June 1993.

R. A. ACHARYA,
Controller General of Patent,
Design & Trade Marks

